



AMENDMENT / RESPONSE TRANSMITTAL

Applicant : Shunsuke Shuto, et al.
 App. No. : 09/990,075
 Filed : November 21, 2001
 For : METHOD FOR
 MANUFACTURING
 HOMEOTROPIC ALIGNMENT
 LIQUID CRYSTAL FILM,
 HOMEOTROPIC ALIGNMENT
 LIQUID CRYSTALLINE
 COMPOSITION AND
 HOMEOTROPIC ALIGNMENT
 LIQUID CRYSTAL FILM
 Examiner : Erik J. Kielin
 Art Unit : 2813

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

August 19, 2003

(Date)

Katsuhiko Arai, Reg. No. 43,315

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Amendment in seven (7) pages.
- (X) Substitute specification in thirty-two (32) pages.
- (X) A Version with markings to the changes made in forty-nine (49) pages.

The fee has been calculated as shown below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims	8 - 20 = 0	1202 (\$18)	0 x 18 =	\$0
Independent Claims	2 - 3 = 0	1201 (\$84)	0 x 84 =	\$0
			TOTAL FEE DUE	\$0

- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Katsuhiko Arai
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